



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Arthur E. Schulze, Tommy G. Cooper, & Emil S. Macha

Serial No.: 09/783,913

Group Art Unit: 2857

Filed: 02/15/01

Examiner: M. Barbee

For: **WIRELESS INTERNET BIO-TELEMETRY MONITORING SYSTEM AND METHOD**

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**RESPONSE UNDER 37 C.F.R. 1.116**  
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2MM  
1-3000

Assistant Commissioner for Patents  
Washington, DC 20231

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TECHNOLOGY CENTER 2800

Dear Sir:

In response to the Office Action of October 17, 2002, please reconsider the Application in view of the accompanying amendments, Terminal Disclaimer and remarks.

**AMENDMENT**

In the Claims:

Please amend the claims as follows:

1. (Amended) A system for remotely monitoring patient variables, comprising:
  - at least one patient-worn sensor;
  - a patient-worn monitoring unit connected to the sensor;
  - said patient-worn monitoring unit comprising a data acquisition means for receiving information from said at least one sensor, logic means for processing the information, and a wireless communication device connected to a first wireless network, wherein said first wireless network is adapted to transmit information over the Internet;
  - a data archiving and distribution means connected to the Internet to communicate with a plurality of patient-worn monitoring units and store transmitted information;
  - a second network connected to the Internet and first wireless network;